



#8/IDS w/mfs  
U.S. Patent Application No. 09/688,321 4/10/02  
Attorney Docket No. 00101-138-USP  
a.s.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Richard J. Helferich

Group Art Unit: 2631

Serial No.: 09/688,321

Examiner: Not yet assigned

Filed: October 13, 2000

For: **Paging Transceivers and  
Methods for Selectively  
Retrieving Messages**

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Certificate

I hereby certify that this document is being hand delivered to the United States Patent and Trademark Office, Arlington, Virginia, on the date shown below.

Dated: 4-3-02

Signature: Vicki L. Hudson

Vicki L. Hudson

The Assistant Commissioner for Patents  
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Dear Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants hereby make of record in the above-identified application the documents listed on the attached PTO/SB/08 (substitute for form PTO-1449) (submitted in duplicate)<sup>1</sup>. The order of presentation of the references should not be construed as an indication of the importance of the references.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based

<sup>1</sup> EXHIBIT A.

on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

Applicants have checked the appropriate items below:

- X   1. This Information Disclosure Statement is being filed within three months of the U.S. filing date OR within three months of the date of entry of the national stage as set forth in 37 C.F.R. 1.491, OR before the mailing date of a first Office Action on the merits, whichever event occurs last. No certification or fee is required. 37 C.F.R. 1.97(b).
2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Rejection or Notice of Allowance. 37 C.F.R. 1.97(c).
- a. I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. 1.97(e)(1).
- b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. 1.97(e)(2).
- c. Attached is our check in the amount of \$240.00 in payment of the fee under 37 C.F.R. 1.17(p). Please charge any fee deficiencies, or credit any overpayment, to Deposit Account No. 50-1734 to ensure consideration of the Information Disclosure Statement. A duplicate

copy of this paper is attached.

- ☐ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage, AND after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. A separate Petition to the Group Director, requesting consideration of this Information Disclosure Statement, is concurrently submitted herewith, along with our Check No. \_\_\_\_\_ in the amount of \$\_\_\_\_\_ in payment of the fee under 37 C.F.R. 1.17(i)(1). Please credit or debit Deposit Account No. 50-1734 as needed to ensure consideration of the Information Disclosure Statement. A duplicate copy of this paper is attached.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. 1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. 1.97(e)(2).
- ☐ 4. The Document(s) were cited in a search report by a foreign patent office in a counterpart foreign application. Submission of an English language version of the search report that indicates the degree of relevance found by the foreign office is provided.
- ☐ 5. A concise explanation of the non-English language document(s) appears in the attached appendix.
- ☒ 6. The Examiner's attention is directed to the following co-pending U.S. Patent Applications and Issued Patents which are directed to related technical subject matter: Application S.N. 08/934,143 filed September 19, 1997, now U.S. Patent No. 6,233,430; Application S.N. 08/934,337, filed September 19, 1997, now U.S. Patent No. 6,259,892; Application S.N. 08/934,132, filed September 19, 1997, now U.S. Patent No. 6,087,956; Application S.N. 08/933,344, filed September 19, 1997 now U.S. Patent No. 6,253,061; Application S.N. 08/989,874, filed December 12, 1997, now U.S. Patent No. 6,097,941; Application S.N. 09/613,345, filed July 10, 2000; Application S.N. 09/688,282, filed October 13, 2000; Application

S.N. 09/860,954, filed May 18, 2001; and Application S.N. 09/513,998, filed February 23, 2000. The identification of this/these U.S. Patent Application(s) is not to be construed as a waiver of secrecy as to this/these application(s) now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited application(s) and the art cited therein during examination of the above-identified application(s).


- X 7. The Document(s) identified in the attached forms PTO-1449 and PTO-892<sup>2</sup> was/were cited by or submitted to the Office in Application S.N. 08/934,143 filed September 19, 1997, now U.S. Patent No. 6,233,430, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO/SB/08, and indicate in the official file wrapper of this patent application that the documents have been considered.

Dated: April 3, 2002

Respectfully submitted,

By   
Martin M. Zoltick  
Registration No. 35,745  
Zoltick Technology Law Group, PLLC  
Loudoun Tech Center  
21515 Ridgetop Circle, Suite 200  
Sterling, Virginia 20166  
571-434-7260 (telephone)  
571-434-7264 (facsimile)

Attorneys for Applicant

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<sup>2</sup> EXHIBIT B.



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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/688,321
				Filing Date	10/13/2000
				First Named Inventor	Helferich, Richard J.
				Group Art Unit	2631
				Examiner Name	Not yet assigned
Sheet	1	of	2	Attorney Docket Number	00101-138-USP

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		5,406,557		Baudoin	04/11/1995	
		5,455,579		Bennett et al.	10/3/95	
		5,483,352		Fukuyama et al.	01/09/1996	
		5,564,018		Flores et al.	10/08/1996	
		5,557,659		Hyde-Thompson	09/17/1996	
		5,608,786		Gordon	03/04/1997	
		5,630,060		Tang et al.	05/13/1997	
		5,633,916		Goldhagen et al.	05/27/1997	
		5,649,305		Yoshida	7/15/97	
		5,717,742		Hyde-Thompson	02/10/1998	
		5,737,394		Anderson et al.	04/07/1998	
		5,737,395		Irribarren	04/07/1998	
		5,742,668		Pepe et al.	04/21/1998	
		5,745,689		Yeager et al.	04/28/1998	
		5,796,394		Wicks et al.	08/18/1998	
		5,805,886		Skarbo et al.	09/08/1998	
		5,870,454		Dahlen	02/09/1999	
		5,812,795		Horovitz et al.	09/22/1998	
		5,828,882		Hinckley	10/27/1998	
		5,835,089		Skarbo et al.	11/10/1998	
		5,872,926		Levec et al.	02/16/1999	
		5,875,436		Kikinis	02/23/1999	
		5,884,159		Thro et al.	03/16/1999	
		5,892,909		Grasso et al.	04/06/1999	
		5,905,495		Tanaka et al.	05/18/1999	
		5,913,032		Schwartz et al.	06/15/1999	
		5,938,725		Hara	08/17/1999	
		5,948,059		Woo et al.	09/07/1999	
		5,951,638		Hoss et al.	09/14/1999	
		5,961,590		Mendez et al.	10/05/1999	
		5,961,620		Trent et al.	10/05/1999	
		5,963,618		Porter	10/05/1999	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Country	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
			O 631 419 A1		Europe	12/28/1994		
			EP 0 777 394 A1		Europe	06/04/1997		
			WO 98/58476		PCT	12/23/1998		
			WO 99 65256A		Logica, Inc.	12/16/1999		
			EP 0831 664 A2		Siemens Business Communication Systems, Inc.	09/19/1997		



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U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/688,321
				Filing Date	10/13/2000
				First Named Inventor	Helferich, Richard J.
				Group Art Unit	2631
				Examiner Name	Not yet assigned
Sheet	2	of	2	Attorney Docket Number	00101-138-USP
Examiner Signature				Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached

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**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

Docket Number	Application Number
19529-030	08/934,143
Applicant(s)	
Richard J. Helferich	
Filing Date	Group Art Unit
September 19, 1997	2749

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A	6,021,433	2/1/00	Payne et al.			

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations	
							YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


EXAMINER	DATE CONSIDERED
T. Nguyen	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

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Restondocs:17752.1(DP401!.DOC)

# Notice of References Cited



Application No. 08/934,143	Applicant(s) Helferich
Examiner Thuan Nguyen	Group Art Unit 2749
Page 1 of 1	

## U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
A	6,087,956	7/2000	Helferich	340	825.44
B	5,974,447	10/1999	Cannon et al.	709	206
C	5,694,120	12/1997	Indekeu et al.	340	825.44
D	5,870,030	2/1999	DeLuca et al.	340	825.44
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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
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## NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
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<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>					Docket Number		Application Number	
					19504-014		08/934,143	
					Applicant(s)			
					Richard J. Helferich			
					Filing Date		Group Art Unit	
September 19, 1997		2746						
<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	A	5,003,576	3/26/91	Helferich				
	B	5,592,532	1/7/97	Koizumi				
	C							
	D							
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations YES NO	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								

EXAMINER	DATE CONSIDERED
Not Yet Assigned	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

Restondocs:7692.1(5X\_01!.DOC)

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>				Docket Number		Application Number	
				19504-014		08/934,143	
				Applicant(s)			
				Richard J. Helferich			
Filing Date				Group Art Unit			
9/19/97				2746			
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILED APPROPRIATE
	A	5,781,857	7/14/98	Hwang et al.			6/28/96
	B	5,838,252	11/17/98	Kikinis			9/9/96
<b>FOREIGN PATENT DOCUMENTS</b>							
	REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations YES NO
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							

EXAMINER	DATE CONSIDERED
T. Nguyen	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

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PTO/SB (12-97)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Modified Form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	<b>Application Number</b>	08/934,143
	<b>Filing Date</b>	September 19, 1997
	<b>First Named Inventor</b>	Richard J. Helferich
	<b>Group Art Unit</b>	2746
	<b>Examiner Name</b>	T. Nguyen
	<b>Attorney Docket Number</b>	19504-014

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U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date if Appropriate
	1.	4,868,560	9/19/89	Oliwa et al.	340	825	5/11/88
	2.	5,175,758	12/29/92	Levanto et al.	379	57	9/4/90
	3.	5,455,823	10/3/95	Noreen et al.	370	50	10/19/92
	4.	5,463,672	10/31/95	Kage	379	59	12/14/92
	5.	5,489,894	2/6/96	Murray	340	825	4/4/94
	6.	5,630,207	5/13/97	Gitlin et al.	455	54	6/19/95
	7.	5,684,859	11/4/97	Chanroo et al.	379	58	5/1/95
	8.	5,696,500	12/9/97	Diem	340	825	8/18/95
	9.	5,761,622	6/2/98	Priest	455	522	5/18/95
	10.	5,815,800	9/29/98	Su et al.	455	31	6/24/96
	11.	5,850,594	12/15/98	Cannon et al.	455	31.3	8/26/96

[illegible]

**Notice of References Cited**

Application No.  
08/934,143

Applicant(s)

Helferich

Examiner

Thuan Nguyen

Group Art Unit

2746

Page 1 of 1

**U.S. PATENT DOCUMENTS**

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
A	5,448,759	09/05/95	Krebs et al.	455	54.1
B	5,896,500	12/09/97	Diem	455	38.4
C	5,809,130	09/15/98	Ayala	455	459
D	5,473,667	12/05/95	Neustein	455	31.2
E	5,561,702	10/01/96	Lipp et al.	455	31.2
F	5,726,643	03/10/98	Tani	455	38.4
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**FOREIGN PATENT DOCUMENTS**

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**NON-PATENT DOCUMENTS**

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
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Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.  
6300-0009-52SERIAL NO.  
08/934,143

## OF REFERENCES CITED BY APPLICANT

APPLICANT

Richard J. HELFERICH

FILING DATE  
September 19, 1997GROUP  
2745

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,448,759	09/05/95	Jay R. KREBS, et al.			
	AB	5,239,679	08/24/93	Makoto MURAI			
	AC	5,774,803	06/30/98	Kazuo KARIYA			
	AD	5,257,307	10/26/93	Masahiro ISE			
	AE	5,694,120	12/02/97	Jack P. INDEKEU, et al.			
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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
	AO					
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## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	
	AX	
	AY	
	AZ	

Examiner

Date Considered

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Form PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO. 31520/168767

SERIAL NO. 08/934,143

APPLICANT Richard J. Helferich

FILING DATE September 19, 1997

GROUP

MATERIAL INFORMATION STATEMENT  
(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIA	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,118,145	01/14/64	Nee			
	4,480,253	10/30/84	Anderson			
	4,644,352	02/17/87	Fujii			
	4,737,979	04/12/88	Hashimoto			
	4,812,843	03/14/89	Champion, III et al.			
	4,821,308	04/11/89	Hashimoto			
	4,825,456	04/25/89	Rosenberg			
	4,845,491	07/04/89	Fascenda et al.			
	4,853,688	08/01/89	Andros et al.			
	4,897,835	01/30/90	Gaskill et al.			
	4,942,598	07/17/90	Davis			
	4,961,216	10/02/90	Baehr et al.			
	4,965,569	10/23/90	Bennett et al.			
	4,975,694	12/04/90	McLaughlin et al.			
	5,005,013	04/02/91	Tsukamoto et al.			
	5,007,105	04/09/91	Kudoh et al.			
	5,040,204	08/13/91	Sasaki et al.			
	5,043,721	08/27/91	May			
	5,047,763	09/10/91	Kuznicki et al.			
	5,065,423	11/12/91	Gaskill			
	5,093,659	03/03/92	Yamada			
	5,115,233	05/19/92	Zdunek et al.			
	5,117,449	05/26/92	Metroka et al.			
	5,128,980	07/07/92	Choi			
	5,134,724	07/28/92	Gehring et al.			
	5,138,311	08/11/92	Weinberg			
	5,138,312	08/11/92	Tsukamoto et al.			
	5,140,419	08/18/92	Galumbeck et al.			
	5,146,612	09/08/92	Grosjean et al.			
	5,153,903	10/06/92	Eastmond et al.			
	5,159,331	10/27/92	Park et al.			
	5,159,713	10/27/92	Gaskill et al.			
	5,173,688	12/22/92	DeLuca et al.			
	5,177,780	01/05/93	Kasper et al.			

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GROUP

MATERIAL INFORMATION STATEMENT  
(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIA	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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Document : Statutory Invention Registration No. H610; Date: 03/07/89; Inventor: Focarile et al.

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